

Work Order ID 63893



Page 1

Thursday, November 18, 2010 11:26:01 AM

Item ID: D350-794-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/17/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN-D350-794

C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-794-013

CHG001

8/16/21/11

11-02-10 *Pro →*

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

11/01/04 *(1)*

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/16/21/11

(1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D350-794-013 PAR #: _____ Fault Category: Prod eng cancel NCR: Yes No DQA: _____ Date: 11-02-11
 Resolution: Documentation reviewed Disposition: _____ QA: N/C Closed: ✓ Date: 11/02/14

NCR: 63893		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
11/02/10	#110	W/O Parts / Pick list has mistakes in it - wrong qty BOM ANS25-832 R6 should be qty 19 per kit - And MS80470AD4-1 is not in 013 only 023. R.C. who not correct to IZN instruction. not create correctly	<u>[Signature]</u>	- Remove MS80470AD4-1 and Put Back into stock - A correct qty of ANS25-832 R6 in kit to be qty x9. BOM 11/4/11	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>
			<u>[Signature]</u>	correctly update w/o + BOM to match IZN Parts list	<u>[Signature]</u> 11.02.11		<u>[Signature]</u>	<u>[Signature]</u>
			<u>[Signature]</u>	ADD copy of current BOM to w/o for reference.			<u>[Signature]</u>	<u>[Signature]</u>

NOTE: Date & initial all entries

Work Order ID 63893

Thursday, November 18, 2010 11:26:01 AM

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Item ID: D350-794-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 12/17/2010 Req'd Qty: 1.00

Customer:



Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD350-794-013								
	Location: _____								
	PPP Rev: <u>A</u>								
140		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

MF

11-02-11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.20 as per ecn10-562 DD verf:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4022-041 Fuel Transfer Pump Assembly		Manufactured	No			110	Each	3.0000	1	1			
--	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
st113	3	
55881	1	
59511	1	
59512	1	

D4002-5 Hose Assembly		Manufactured	No			110	Each	3.0000	1	1			
--------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
ENG	3	
55636	3	

D4003-047 Fuel Pump Inlet Pipe		Manufactured	No			110	Each	2.0000	1	1			
-----------------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
ENG	1	
55852	1	
ST193	1	
59697	1	

D4002-7 Hose Assembly		Manufactured	No			110	Each	2.0000	1	1			
--------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location	Loc Qty	Loc Code
ENG	2	
55637	2	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

AN832-6D
UNION

Purchased No

110 Each

8.0000

1

Location

Loc Qty

Loc Code

ST333

8

114742

8

AN924-6D
Nut

Purchased No

110 Each

2.0000

2

Location

Loc Qty

Loc Code

ST335

2

114988

2

NAS1149D0963J
Washer

Purchased No

110 Each

40.0000

2

Location

Loc Qty

Loc Code

ST298

40

115204

40

AN815-6D
Union-M-Flare

Purchased No

110 Each

16.0000

2

Location

Loc Qty

Loc Code

ST329

16

114988

16

MS29512-06
O-RING

Purchased No

110 Each

13.0000

2

Location

Loc Qty

Loc Code

ST294

13

114742

13

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D4022-3 Manufactured No

110 Each

5.0000

1 1

Fuel Pump Mounting Bracket

Location

Loc Qty

Loc Code

ENG

5

55197

5

AN3-4A Purchased No

110 Each

1,067.000

2 2

Bolt

Location

Loc Qty

Loc Code

ST350

1067

104214

64

104291

300

104322

200

104374

200

104625

300

104817

3

MS21042-3 Purchased No

110 Each

166.0000

9 9

USE MS21042L3

Location

Loc Qty

Loc Code

ST299

166

111650

60

114597

100

6931

6

AN970-3 Purchased No

110 Each

90.0000

2 2

Washers

Location

Loc Qty

Loc Code

ST349

90

115158

90

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D4008-043

Manufactured No

110 Each

2.0000

1 1



Fuel Pump Splash Guard Assembly

Location

Loc Qty

Loc Code

ST111

2

59509

2

D4004-7

Manufactured No

110 Each

4.0000

1 1



Hose Clip

Location

Loc Qty

Loc Code

ENG

4

55823

4

AN525-10R6

Purchased No

110 Each

128.0000

4 4



Screw

Location

Loc Qty

Loc Code

ST325

128

113524

128

D4001-3

Manufactured No

110 Each

1.0000

1 1



Fitting

Location

Loc Qty

Loc Code

ST

1

59900

1

CR3212-5-5

Purchased No

110 Each

93.0000

7 7



Cherry Rivet

Location

Loc Qty

Loc Code

ST312

93

115156

93

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

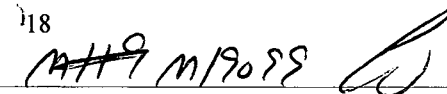

 CR3213-4-3 ⁰³

 Cherry Rivet

Purchased No

110 Each 65.0000 18 18




 M119 M19088

Location

Loc Qty



Loc Code

ST312

65

110153

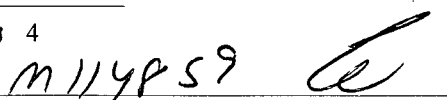
65


 CR3212-4-3 ⁰³

 Cherry Rivet

Purchased No

110 Each 12.0000 4 4




 M114859

Location

Loc Qty



Loc Code

ST311

12

110139

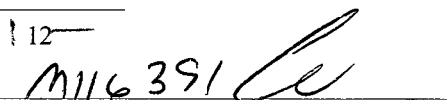
12


 MS20470AD4-6

 Rivet, Universal Head

Purchased No

110 Each 1,185.000 12 12




 M116391

Location

Loc Qty

Loc Code

ST320



1185

114905

152

114988

1033


 MS20470AD3-4

 Rivet, Universal Head

Purchased No

110 Each 10,588.00 32 32




 M1152141 M1551W 11/2/9

Location

Loc Qty

Loc Code

ST319

10588

111477

8332

15541

2256


 M1152141 M1551W

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

MS20470AD5-6 Purchased

No

110 Each

1,883.000

16 16

Rivet

Location

Loc Qty

Loc Code

ST320

1883

105433

1883

110 Each

824.0000

6

MS20470AD5-8 Purchased

No

Rivet

Location

Loc Qty

Loc Code

ST320

824

114988

824

110 Each

91.0000

9

CR3213-5-2 Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

91

115266

91

110 Each

94.0000

6

CR3212-5-4 Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

94

115158

94

110 Each

97.0000

3

CR3212-5-3 Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

97

115158

97

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval. QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

CR3212-5-2 Purchased No 110 Each 90.0000 10 10
Cherry Rivet

Location Loc Qty Loc Code

ST312 90

115158 90

110 Each 64.0000

MS21919-WDG8 Purchased No 110 Each 64.0000 2 2
Clamp

Location Loc Qty Loc Code

ST307 64

100202 64

110 Each 6.0000

D4003-11 Manufactured No 110 Each 6.0000 1 1
Vent Pipe - Tank

Location Loc Qty Loc Code

ST 4

115514 1

115600 3

ST115 2

59501 2

110 Each 2.0000

D4003-049 Manufactured No 110 Each 2.0000 1 1
Tank Vent Line Assembly

Location Loc Qty Loc Code

ST193 2

59703 2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D4027-043

Manufactured No

110

Each

7.0000

1 1



Hose Clamp Assembly

Location

Loc Qty

Loc Code

ST

6

115514

1

115600

5

ST451

1

55897

1



55897

[Signature]

D4063-3

Manufactured No

110

Each

6.0000

1



Hose

Location

Loc Qty

Loc Code

ENG

6

55931

6

110

Each

8.0000

2



55931

[Signature]

2000-8S

Purchased No

110

Each

8.0000

2



Hose Clamp

Location

Loc Qty

Loc Code

ST451

8

115723

8

110

Each

9.0000

1



115723

[Signature]

NAS43DD3-32N

Purchased No

110

Each

9.0000

1



Spacer

Location

Loc Qty

Loc Code

ST279

9

115815

9



115815

[Signature] 11/24/05 (1)

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

MS35207-267 Purchased No

Screw

110 Each 51.0000

1 1

Location

Loc Qty

Loc Code

ST295

51

114884

51

110

Each

45.0000

3

3

MS35207-264 Purchased No

Screw

Location

Loc Qty

Loc Code

ST295

45

109031

2

115300

43

110

Each

373.0000

4

4

NAS1149D0332J Purchased No

Washer

Location

Loc Qty

Loc Code

ST298

373

114348

1

114884

172

116169

200

110

Each

40.0000

1

1

MS21919-WDG6 Purchased No

Clamp

Location

Loc Qty

Loc Code

ST307

40

15993

26

4067

10

7637

4

M114884

M115300

M116441

4067

11/01/10 (1)

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D4009-041
Bonding Braid

Manufactured No

110

Each

4.0000

2 2

Location

Loc Qty

Loc Code

ST114

4

59518

2

59519

2

Manufactured No

110

Each

5.0000

1 1

Location

Loc Qty

Loc Code

ENG

5

55655

4

55862

1

Manufactured No

110

Each

2.0000

1 1

Location

Loc Qty

Loc Code

ENG

1

55898

1

ST

1

115514

1

Manufactured No

110

Each

2.0000

1 1

Location

Loc Qty

Loc Code

ST

1

115514

1

ST110

1

60238

1

D4004-11
Top Strap Attach Bracket

D4004-5
Bottom Strap Attach Bracket

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Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

MS24694-S50

Purchased

No

110

Each

79.0000

3

3

Screw

Location

Loc Qty

Loc Code

ST289

79

115016

79

NAS1149F0363P

Purchased

No

110

Each

163.0000

3

3

Washer

Location

Loc Qty

Loc Code

ST275

163

113254

63

114382

100

D4024-041

Manufactured

No

110

Each

1.0000

1

1

Restraint Strap

Location

Loc Qty

Loc Code

ST114

1

60264

1

D4004-041

Manufactured

No

110

Each

2.0000

1

1

Side Restraint Angle

Location

Loc Qty

Loc Code

ST110

2

55858

2

D4007-3

Manufactured

No

110

Each

3.0000

1

1

Support

Location

Loc Qty

Loc Code

ST

3

56512

3

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 63893

Parent Item: D350-794-013


Parent Item Name: Auxiliary Fuel Tank Provisions


Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00


Required Qty: 1.00


D4006-041 1-1

 Tank Top Support Assembly

Manufactured No 110 Each 1.0000 1 1
 63513

Location Loc Qty Loc Code


FG 1
 59506 1


AN4-5A

 Bolt

Purchased No 110 Each 206.0000 2 2
 59506

Location Loc Qty Loc Code


ST356 206
 115016 100
 115767 6
 115936 100


NAS1149F0463P

 Washer


Purchased No 110 Each 29.0000 2 2
 115016


Location Loc Qty Loc Code

ST275 29
 114223 4
 114348 25

D4005-041

 Fwd Floor Gutter

Manufactured No 110 Each 0.0000 1 1
 114348

D4063-1

 Hose

Manufactured No 110 Each 8.0000 1 1
 59504

Location Loc Qty Loc Code

ENG 8
 55911 8

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

MS21919-WDG9 Purchased No
Clamp

110 Each 27.0000

1 1

Location

Loc Qty

Loc Code

ST307

27

111578

27

110 Each 9.0000

1 1

Location

Loc Qty

Loc Code

ST451

9

1115723

9

110 Each 17.0000

3 3

Location

Loc Qty

Loc Code

ST279

17

1115815

17

110 Each 5.0000

1 1

Location

Loc Qty

Loc Code

WA

5

59505

5

110 Each 315.0000

4 4

Location

Loc Qty

Loc Code

ST301

315

112314

200

12706

115

2000-6S Purchased No
Hose Clamp

NAS1474-08 Purchased No
Sealed Captive Anchor Nut

D4005-11 Manufactured No
Finishing Strip

MS21059L08 Purchased No
Nut

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Thursday, November 18, 2010 11:26:00 AM

Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

AN525-832R6

Purchased

No

110

Each

98.0000



Screw



1

Location

Loc Qty

Loc Code

ST326

98

114884

98

110

Each

9.0000



M114884

1

D8-603

Purchased

No



ECF Fuse, 6.3 amps (HA23-6U3)

Location

Loc Qty

Loc Code

ST285

9

115677

9

110

Each

9.0000



M115677

1

D1-205

Purchased

No



ECF Fuse, 2.5 amps (HA21-2U5)

Location

Loc Qty

Loc Code

ST285

9

115677

9

110

Each

3.0000



M115677

1

MS35058-23

Purchased

No



Switch

Location

Loc Qty

Loc Code

ST294

3

115156

3

M115156

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

107-964

Purchased

No

110

Each

5.0000

1

1



Connector Receptacle

Location

Loc Qty

Loc Code

ST

4

115514

4

ST398

1

115459

1

107-978

Purchased

No

110

Each

3.0000

1

1



Connector Backshell

Location

Loc Qty

Loc Code

ST

3

115327

1

116050

2

107-943

Purchased

No

110

Each

3.0000

1

1



Connector Plug

Location

Loc Qty

Loc Code

ST398

3

115459

1

116122

2

MS35206-217

Purchased

No

110

Each

66.0000

4

4



Screw

Location

Loc Qty

Loc Code

ST294

66

107063

66

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN416P

Purchased

No

110

Each

196.0000

4

4

Washer

Location

Loc Qty

Loc Code

ST275

196

115698

196

MS21044N04

Purchased

No

110

Each

21.0000

4

4

Nut

Location

Loc Qty

Loc Code

ST301

21

115621

21

143-207

Purchased

No

110

Each

11.0000

1

1

Plug

Location

Loc Qty

Loc Code

ST398

11

115415

7

115459

4

143-208

Purchased

No

110

Each

11.0000

1

1

Receptacle

Location

Loc Qty

Loc Code

ST

4

115514

4

ST398

7

115415

7

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Thursday, November 18, 2010 11:26:00 AM

Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

143-204
Receptacle Housing

Purchased No

110 Each

8.0000

1 1

Location

Loc Qty

Loc Code

ST
115514
ST398
115415

1
1
7
7

m/15514

143-203
Plug Housing

Purchased No

110 Each

7.0000

1 1

Location

Loc Qty

Loc Code

ST398
115415

7
7

m/15415

143-219
Crimp Pin

Purchased No

110 Each

95.0000

5 .5

Location

Loc Qty

Loc Code

ST398
115459

95
95

m/15459

143-217
Crimp Socket

Purchased No

110 Each

1,025.000

5 .5

Location

Loc Qty

Loc Code

ST398
115415
115459

1025
30
995

m/15415

D4026-041
Fuel Gauge Assembly

Manufactured No

110 Each

0.0000

1 1


59513

m/15415

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

110

Each

198.0000

2

2



Washer

Location

Loc Qty

Loc Code

ST275

198

115158

198

110

Each

103.0000

2

2

MS21042-08

Purchased

No



USE MS21042L08

Location

Loc Qty

Loc Code

ST301

103

103668

103

110

Each

0.0000

1

1

444-2556

Purchased

No



Gauge Master Switch

D4022-5

Manufactured

No

110

Each

5.0000

1

1



Thermal Switch

Location

Loc Qty

Loc Code

ENG

5

55518

5

110

Each

4.0000

1

1

AN5800-1

Purchased

No



Placard Holder

Location

Loc Qty

Loc Code

ST515

4

115358

4

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

AN929-6D

Purchased

No

110

Each

9.0000

1

1



Nut

Location

Loc Qty

Loc Code

ST336

9

115001

9

110

Each

878.0000

60

60

MS20470AD4-4

Purchased

No



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

878

112314

30

113368

92

115470

756

110

Each

8.0000

1

1

D3997-1

Manufactured

No



Placard

Location

Loc Qty

Loc Code

ST108

8

55400

8

110

Each

7.0000

1

1

D3997-5

Manufactured

No



Placard

Location

Loc Qty

Loc Code

ST108

7

55402

7

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D3997-7

Manufactured No

110

Each

9.0000



Placard

Location

Loc Qty

Loc Code

ST108

9

55403

9

110

Each

9.0000

D3997-9

Manufactured No



Placard

Location

Loc Qty

Loc Code

ST108

9

55405

9

110

Each

8.0000

D3997-11

Manufactured No



Placard

Location

Loc Qty

Loc Code

ST108

8

55407

8

110

Each

9.0000

D3997-13

Manufactured No



Placard

Location

Loc Qty

Loc Code

ST108

9

55408

9

110

Each

9.0000

D3997-15

Manufactured No



Placard

Location

Loc Qty

Loc Code

ST108

9

55409

9

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 63893

Parent Item: D350-794-013











Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D3997-17 Placard	Manufactured	No	110	Each	8.0000		1	1	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST108	8					
			55410	8					
D3997-19 Placard	Manufactured	No	110	Each	9.0000		1	1	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST108	9					
			55411	9					
D3997-21 Placard	Manufactured	No	110	Each	9.0000		1	1	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST108	9					
			55412	9					
D3997-23 Placard	Manufactured	No	110	Each	9.0000		1	1	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST108	9					
			55413	9					
D3997-25 Placard	Manufactured	No	110	Each	9.0000		1	1	
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			ST108	9					
			55414	9					

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Thursday, November 18, 2010 11:26:00 AM

Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D3997-29

Manufactured No

110

Each

8.0000



Placard

Location

Loc Qty

Loc Code

ST108

8

55416

8

D3997-31

Manufactured No

110

Each

9.0000



Placard

Location

Loc Qty

Loc Code

ST108

9

55417

9

D3997-33

Manufactured No

110

Each

9.0000



Placard

Location

Loc Qty

Loc Code

ST108

9

55418

9

D3997-35

Manufactured No

110

Each

9.0000



Placard

Location

Loc Qty

Loc Code

ST108

9

55419

9

D3997-37

Manufactured No

110

Each

9.0000



Placard

Location

Loc Qty

Loc Code

ST108

9

55420

9

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Thursday, November 18, 2010 11:26:00 AM

Work Order ID: 63893

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 11/29/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D3997-39 Manufactured No

110

Each

9.0000

1

1



Placard



Location

Loc Qty

Loc Code

ST108

9

55425

9

110

Each

9.0000

1

1

D3997-41

Manufactured No



Placard



Location

Loc Qty

Loc Code

ST108

9

55421

9

110

Each

8.0000

1

1

D3997-43

Manufactured No



Placard



Location

Loc Qty

Loc Code

ST108

8

55422

8

55425

55421

55422

[Signature]

[Signature]

[Signature] (1)

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Chantal Lavoie

From: Harvey Siemens [hsiemens@dartaero.com]
Sent: November 3, 2010 4:26 PM
To: 'Kevin Barton'; 'L Lacelle'
Cc: 'Chantal Lavoie'
Subject: RE: aux tank

Thanks Kevin,

Hope that helps you Linda and Chantal, all of these numbers will be part of the D4290 drawing that I/we are working on.

Regards,

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

P: 403-717-0328
 F: 403-717-1288
 E: hsiemens@dartaero.com
 W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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From: Kevin Barton [mailto:kbarton@dartaero.com]
Sent: Wednesday, November 03, 2010 2:01 PM
To: 'L Lacelle'; 'Harvey Siemens'
Cc: 'Chantal Lavoie'
Subject: RE: aux tank

The 444-2556 part number was "alternated" a couple of e-mails ago. See the quote from my Sept 9th e-mail.

"444-2556 Can't find it as ever being a part. We did manage to cross that over to a Farnell P/N of 957-4816 which translates to a C & K P/N 7101SYZQE. "

Here is a link to Newark's website: <http://canada.newark.com/c-k/7101syzqe/switch-spdt/dp/99K0352> they appear to have stock but it might be manufacturer stock. You could also use: http://canada.newark.com/tyco-electronics/a101syzq04/switch-toggle-spdt-5a-250v/dp/69K7055?in_merch=true&MER=ALT_N_L5_EverywhereElse_None or http://canada.newark.com/tyco-electronics-alcoswitch/mta106d/switch-toggle-spdt-6a-250v/dp/69K7015?in_merch=Popular Products&in_merch=Popular Products&MER=PPSO_N_C_EverywhereElse_None

(I would recommend using the MTA-106D, as they seem to be more common!)

As for the TBA28B I would suggest <http://canada.newark.com/thomas-betts/tc5345a/cable-tie-4-way-mounting-base-adhesive/dp/90F6115>

They come in packs of 100, I can try and find another alternative if need be.

1/05/11

4.0 ELECTRICAL LOAD

The electrical load effect for each aircraft must be assessed as follows.

Component	Load
Fuel Pump	3.00 Amps
Fuel Gauge	0.45 Amps
Fuel Sender	0.13 Amps
Total Installation	3.58 Amps = 100 Watts

5.0 WEIGHT AND BALANCE

The following is the weight increase associated with the Aux Fuel Tank Installation. Be sure to subtract the weight of any parts or material removed.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-794-011 Auxiliary Fuel Tank (AS350 models)	29.8 lb 13.5 kg	-22.0 in -0.56 m	-655.6 in-lb -7.56 m-kG	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kG
D350-794-013 Auxiliary Fuel Tank Provisions (AS350 models)	5.5 lb 2.5 kg	-14.6 in -0.37 m	-80.3 in-lb -0.93 m-kG	163.4 in 4.15 m	898.7 in-lb 10.4 m-kG
D130-794-021 Auxiliary Fuel Tank (EC130 models)	29.8 lb 13.5 kg	-23.6 in -0.60 m	-703.3 in-lb -8.1 m-kG	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kG
D130-794-023 Auxiliary Fuel Tank Provisions (EC130 models)	5.5 lb 2.5 kg	-16.1 in -0.41 m	-88.6 in-lb -1.03 m-kG	163.4 in 4.15 m	898.7 in-lb 10.4 m-kG

6.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
X					D350-794-011		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X				D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
		X			D130-794-021		AUXILIARY FUEL TANK (EC 130 SERIES)
		1	X		D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1		1		X	D350-794-041		TANK ASSEMBLY
				1	D4055-041	JCA/M47-1-01A	FUEL TANK
	1		1		D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
				1	D4023-1	ER281	FUEL CAP
	1		1		D4002-5	JCA-M47-2-13	SUPPLY HOSE - FROM AUX TANK
	1		1		D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
	1		1		D4002-7	JCA-M47-2-25	SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK
				1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY - FRONT
				1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY - REAR
				2	MS20822-3D		UNION
	1		1		AN832-6D		BULKHEAD UNION
				1	AN816-6D		STRAIGHT FITTING
	2		2		AN924-6D		NUT (ALTERNATE AS5178D06)
	2		2		NAS1149D0963J		WASHER

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Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
				1	MS20822-8D		90° FITTING
	2		2		AN815-6D		UNION
	2		2		MS29512-06		ORING
	1		1		D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
	2		2		AN3-4A		BOLT
	2		2		MS21042-3		NUT
	2		2		AN970-3		WASHER
	1		1		D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
	1		1		D4004-7	N3	HOSE CLIP
				2	D4009-041	JCA-M47-4-01	BONDING BRAID
				1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
	4		4		AN525-10R6		SCREW
	1		1		D4001-3	AN832-6D-JCA	BULKHEAD FITTING - MODIFIED
	7		7		CR3212-5-5		CHERRY MAX RIVET
	18		18		CR3213-4-3		CHERRY MAX RIVET
	4		4		CR3212-4-3		CHERRY MAX RIVET
	12		12		MS20470AD4-6		RIVET
	32		32		MS20470AD3-4		RIVET
	16		16		MS20470AD5-6		RIVET
	6		6		MS20470AD5-8		RIVET
	9		9		CR3213-5-2		CHERRY MAX RIVET
	6		6		CR3212-5-4		CHERRY MAX RIVET
	3		3		CR3212-5-3		CHERRY MAX RIVET
	10		10		CR3212-5-2		CHERRY MAX RIVET
							Vent Assembly Parts
	2		2		MS21919WDG-8		CLAMP
	1		1		D4003-11	JCA-M47-2-21	VENT PIPE - TANK
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
	1		1		D4003-049	JCA-M47-2-17	VENT PIPE - TANK
	1		1		D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
	1		1		D4063-3	193-8	VENT HOSE
	2		2		2000-8S		HOSE CLAMP
	1		1		NAS43DD3-32N		SPACER
	1		1		MS35207-267		SCREW
	2		2		MS35207-264		SCREW
	3		3		NAS1149D0332J		WASHER
	3		3		MS21042-3		NUT
				3	TBA28B		CABLE TIE FASTENER
				1	TY25MX		TIE WRAP
	1		1		MS21919WDG-6		CLAMP (RUBBER REMOVED)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
							Restraint Assembly Parts
	1		1		D4005-1	JCA-M47-2-03	REAR RESTRAINT ANGLE/GUTTER
	1		1		D4004-11	JCA-M47-2-11	TOP STRAP ATTACH BRACKET
	1		1		D4004-5	JCA-M47-2-23	BOTTOM STRAP ATTACH BRACKET
	3		3		MS24694-S50		SCREW
	3		3		MS21042-3		NUT
	3		3		NAS1149F0363P		WASHER
	1		1		D4024-041	JCA/ASSO/MIN	ANCRA RESTRAINT STRAP
	1		1		D4004-041	JCA-M47-2-19	SIDE RESTRAINT ANGLE
	1		1		D4007-3	JCA-M47-2-18	TOP SUPPORT BRACKET
	1		1		D4006-041	JCA-M47-2-01	TANK TOP SUPPORT ASSEMBLY

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
	2		2		AN4-5A		BOLT
	2		2		NAS1149F0463P		WASHER
							Locker Preparation Parts
	1		1		D4005-041	JCA-M47-2-22	FORWARD FLOOR GUTTER
	1		1		D4063-1	193-6	DRAIN HOSE
	1		1		MS21919WDG-9		CLAMP
	1		1		MS35207-264		SCREW
	1		1		NAS1149D0332J		WASHER
	1		1		MS21042-3		NUT
	1		1		2000-6S		HOSE CLAMP
	3		3		NAS1474-08		SEALED CAPTIVE ANCHOR NUT
	1		1		D4005-11	JCA-M47-2-12	FINISHING STRIP
	4		4		MS21059-L08		ANCHOR NUT
	7		7		AN525-832R6		SCREW
							Electrical Parts
	1		1		D8-603		6.3A ECF FUSE (ALTERNATE HA23-6U3)
	1		1		D1-205		2.5A ECF FUSE (ALTERNATE HA21-2U5)
	1		1		MS35058-23		SWITCH
	1		1		107-964		CONNECTOR RECEPTACLE
	1		1		107-978		CONNECTOR BACKSHELL (ALTERNATE 105-5465)
	1		1		107-943		CONNECTOR PLUG
				1	D4025-1	VDO-M47-JCA	FUEL QUANTITY SENDER
	4		4		MS35206-217		SCREW
	4		4		NAS1149FN416P		WASHER
	4		4		MS21044N04		NUT
	1		1		143-207		PLUG
	1		1		143-208		RECEPTACLE
	1		1		143-204		RECEPTACLE HOUSING (ALTERNATE 973-1490)
	1		1		143-203		PLUG HOUSING (ALTERNATE 973-1482)
	5		5		143-219		CRIMP PIN (ALTERNATE 977-3800)
	5		5		143-217		CRIMP SOCKET (ALTERNATE 977-3797)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
	1		1		D4026-041	FL-100-R-JCA	FUEL GAUGE
	2		2		AN525-832R6		SCREW - GROUND STUD
	2		2		NAS1149FN832P		WASHER
	2		2		MS21042-08		NUT
	1		1		444-2556		GAUGE MASTER SWITCH
	1		1		D4022-5	3775628	THERMAL SWITCH (125°) - FARNELL (ALTERNATE 100-6847)
							General
	1		1		AN5800-1		PLACARD HOLDER
	1		1		AN929-6D		BLANK CAP
							Additional EC 130 Parts
			3		MS35207-264		SCREW
			3		NAS1149D0332J		WASHER
			3		MS21042-3		NUT
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
			1		D4004-043	JCA-M47-2-04	SIDE RESTRAINT ANGLE AND TIE DOWN POINT

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Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
			1		D4005-5	JCA-M47-2-06	ANGLE
			4		D4005-7	JCA-M47-2-07	ANGLE
			1		D4005-9	JCA-M47-2-08	ANGLE
			1		D4007-1	JCA-M47-2-02	TOP SUPPORT BRACKET
			1		D4005-3	JCA-M47-2-05	FORWARD RESTRAINT BEAM
			2		AN4-6A		BOLT
			1		D4007-5	JCA-M47-2-24	PACKER
			60		MS20470AD4-4		RIVET
			30		MS20470AD4-6		RIVET
			10		CR3213-4-3		CHERRY MAX RIVET
			10		CR3213-4-2		CHERRY MAX RIVET
							Placards
	1				D3997-1	JCA-M47-P1	FUEL QUANTITY - AS 350 MODELS
			1		D3997-3	JCA-M47-P2	FUEL QUANTITY - EC 130 B4 MODEL
	1		1		D3997-5	JCA-M47-P3	AUX FUEL DRAIN
	1		1		D3997-7	JCA-M47-P4	AUX FUEL TRANSFER PUMP
	1		1		D3997-9	JCA-M47-P5	AUX FUEL
	1		1		D3997-11	JCA-M47-P6	WEIGHT AND BALANCE
	1		1		D3997-13	JCA-M47-P7	ON/OFF
	1		1		D3997-15	JCA-M47-P8	CHECK LOCKER TANK
	1		1		D3997-17	JCA-M47-P9	STOWAGE PROHIBITED
	1		1		D3997-19	JCA-M47-P10	TANK VENT
	1		1		D3997-21	JCA-M47-P13	SWITCH FIXED
	1		1		D3997-23	JCA-M47-P14	AUX FUEL
	1				D3997-25	JCA-M47-P15	CONVERSION CHART - AS 350 MODELS
			1		D3997-27	JCA-M47-P16	CONVERSION CHART - EC 130 B4 MODEL
	1		1		D3997-29	JCA-M47-P17	DO NOT OVERFILL WARNING
	1		1		D3997-31	JCA-M47-P18	ON/OFF
	1		1		D3997-33	JCA-M47-P19	AUX GAUGE FACE
	1		1		D3997-35	JCA-M47-P20	AUX FUEL GAUGE
	1		1		D3997-37	JCA-M47-P21	6.3 A CIRCUIT BREAKER
	1		1		D3997-39	JCA-M47-P22	2.5A CIRCUIT BREAKER
	1		1		D3997-41	JCA-M47-P23	AUX TANK NOT FITTED
	1		1		D3997-43	JCA-M47-P24	EARTH